

32692

Customer Number



Patent

Case No.: 59468US005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CARTER, CHAD J.

Application No.: 10/596956

Confirmation No.: 2943

Filed: December 17, 2004

Title: ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE

REQUEST TO CORRECT INVENTORSHIP UNDER 37 CFR § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]	
I hereby certify that this correspondence is being:	
<input checked="" type="checkbox"/>	deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
Feb. 22, 2008	
Date	Signed by: Sherri K.W. Johnson

Dear Sir

Applicant requests that Mikhail L. Pekurovsky, Mark S. Schaberg, Jeffrey D. Smith, Kenneth B. Wood and Wenyuan Xu be added as inventor(s) in the above-identified application.

Also enclosed is:

- ☒ Statement of Added Inventor(s) Mikhail L. Pekurovsky, Mark S. Schaberg, Jeffrey D. Smith, Kenneth B. Wood and Wenyuan Xu Under 37 CFR § 1.48(a)(2);
- ☒ Declaration and Power of Attorney executed by the actual inventors as required by 37 CFR § 1.48(a)(3);
- ☒ Consent of Assignee to Change of Inventorship Under 37 CFR § 1.48(a)(5);
- ☒ Statement under 3.73(b); and
- ☒ Newly executed Assignment and Recordation Cover Sheet.

Fees

- ☐ Any required fee will be made at the time of submission via EFSWeb. In the event fees are not or cannot be paid at the time of EFS-Web submission, please charge any fees under 37 CFR § 1.17 which may be required to Deposit Account No. 13-3723.
- ☒ Please charge any fees under 37 CFR §§ 1.16 and 1.17 which may be required to Deposit Account No. 13-3723. (One copy of this sheet marked duplicate is enclosed.)
- ☒ Please charge any additional fees associated with the prosecution of this application to Deposit Account No. 13-3723. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested.
- ☒ Please credit any overpayment to the same deposit account.

Respectfully submitted,

February 22, 2008
Date

By: Nancy M. Lambert
Nancy M. Lambert, Reg. No. 44,856
Telephone No.: 651-733-2180

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833



32692 Customer Number	STATEMENT UNDER 37 CFR 3.73(b)		Case No.: 59468US005
To: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX: 571-273-8300	First Named Inventor: CARTER, CHAD J.		
	Application No: 10/596956		Filed: December 17, 2004
	Title: ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE		
	Confirmation No.:		2943

The undersigned states that 3M Innovative Properties Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest. The extent (by, percentage) of its ownership interest is _____%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 019349, Frame 0686, or for which a copy thereof is attached.
- OR
- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee is shown below:

1. ☐ From: the inventors To: 3M Company (formerly Minnesota Mining and Manufacturing Company). The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. ☐ From: 3M Company (formerly Minnesota Mining and Manufacturing Company) To: 3M Innovative Properties Company. The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. ☐ From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ As required by 37 CFR 3.37(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to the Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3M Innovative Properties Company

Date

February 5, 2008

By:

Robert W. Sprague, Reg. No.: 30,497
Title: Secretary
Telephone No.: 651-733-4257

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

32692

Customer Number



Patent
Case No.: 59468US005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CARTER, CHAD J.

Application No.: 10/596956

Confirmation No.: 2943

Filed: December 17, 2004

Title: ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE

CONSENT OF ASSIGNEE TO CHANGE OF INVENTORSHIP UNDER 37 CFR § 1.48(a)(5)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]	
I hereby certify that this correspondence is being:	
<input type="checkbox"/>	deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
<input type="checkbox"/>	transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.
<input type="checkbox"/>	transmitted to United States Patent and Trademark Office on the date shown below via the Office electronic filing system.
Date <u>Feb. 22, 2008</u>	Signed by: <u>Carrie M. Arcand</u> <i>Sherry R. W. Johnson</i>

Dear Sir:

3M Innovative Properties Company, the assignee of the entire right, title, and interest in U.S. Patent Application No. 10/596956 hereby consents to the accompanying Request to Correct Inventorship Under 37 CFR § 1.48(a).

3M Innovative Properties Company

Date February 5, 2008

By:

Robert W. Sprague, Reg. No. 30,497

Secretary

Telephone No.: 651-733-4247

Office of Intellectual Property Counsel
3M Innovative Properties Company

32692

Customer Number



Patent
Case No.: 59468US005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CARTER, CHAD J.

Application No.: 10/596956

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Filed: December 17, 2004

Title: ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE

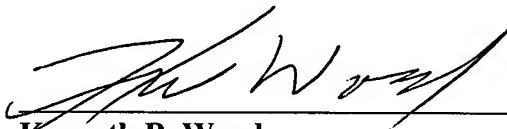
**STATEMENT OF ADDED INVENTOR IN SUPPORT OF REQUEST
UNDER 37 C.F.R. § 1.48 TO CORRECT INVENTORSHIP**

I, **Kenneth B. Wood**, one of the inventors being added to the above-identified application, do hereby declare that through error I was not named as a joint inventor in the above-identified application, and that this error occurred without any deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

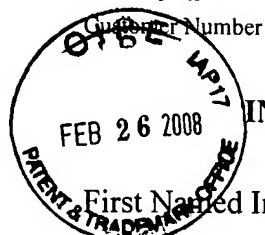
2/5/08


Kenneth B. Wood

Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427
Facsimile: (651) 736-3833

32692

Patent
Case No.: 59468US005



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CARTER, CHAD J.

Application No.: 10/596956

Confirmation No.: 2943

Filed: December 17, 2004

Title: ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE

STATEMENT OF ADDED INVENTOR IN SUPPORT OF REQUEST
UNDER 37 C.F.R. § 1.48 TO CORRECT INVENTORSHIP

I, **Wenyuan Xu**, one of the inventors being added to the above-identified application, do hereby declare that through error I was not named as a joint inventor in the above-identified application, and that this error occurred without any deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

1/20/2008

Wenyuan Xu
Wenyuan Xu

Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427
Facsimile: (651) 736-3833

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Customer Number



Patent
Case No.: 59468US005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CARTER, CHAD J.

Application No.: 10/596956

Confirmation No.: 2943

Filed: December 17, 2004

Title: ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE

**STATEMENT OF ADDED INVENTOR IN SUPPORT OF REQUEST
UNDER 37 C.F.R. § 1.48 TO CORRECT INVENTORSHIP**

I, **Jeffrey D. Smith**, one of the inventors being added to the above-identified application, do hereby declare that through error I was not named as a joint inventor in the above-identified application, and that this error occurred without any deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 1/21/08

Jeffrey D. Smith
Jeffrey D. Smith

Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427
Facsimile: (651) 736-3833

32692

Customer Number



Patent
Case No.: 59468US005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CARTER, CHAD J.

Application No.: 10/596956

Confirmation No.: 2943

Filed: December 17, 2004

Title: ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE

**STATEMENT OF ADDED INVENTOR IN SUPPORT OF REQUEST
UNDER 37 C.F.R. § 1.48 TO CORRECT INVENTORSHIP**

I, **Mark S. Schaberg**, one of the inventors being added to the above-identified application, do hereby declare that through error I was not named as a joint inventor in the above-identified application, and that this error occurred without any deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: _____

1/18/08

Mark S. Schaberg
Mark S. Schaberg

Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427
Facsimile: (651) 736-3833

32692

Customer Number



Patent
Case No.: 59468US005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CARTER, CHAD J.

Application No.: 10/596956

Confirmation No.: 2943

Filed: December 17, 2004

Title: ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE

**STATEMENT OF ADDED INVENTOR IN SUPPORT OF REQUEST
UNDER 37 C.F.R. § 1.48 TO CORRECT INVENTORSHIP**

I, **Mikhail L. Pekurovsky**, one of the inventors being added to the above-identified application, do hereby declare that through error I was not named as a joint inventor in the above-identified application, and that this error occurred without any deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 1/18/2008


Mikhail L. Pekurovsky

Office of Intellectual Property Counsel
3M Innovative Properties Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427
Facsimile: (651) 736-3833

DECLARATION AND POWER OF ATTORNEY,
FOR UTILITY OR DESIGN
PATENT APPLICATION (37 CFR § 1.63)

☐ Declaration Submitted with Initial Filing ☒ Declaration Submitted after Initial Filing (surcharge 37 CFR § 1.16(e) required)

Case No: 59468US005
First Named Inventor: Chad J. Carter
COMPLETE IF KNOWN
Application No.: 10/596956
Filing Date: December 17, 2004
Confirmation No.: 2943

As a below named inventor, I hereby declare that my residence, mailing address, and citizenship are as stated below next to my name, and that I believe I am an original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ACOUSTO-MECHANICAL DETECTION SYSTEMS AND METHODS OF USE

The specification of which

☐ is attached hereto;

☒ was filed on **December 17, 2004**
as United States Application No.

10/596,956

☐ is identified as PCT International Application No.
filed on

and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 USC §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application No.	Country	Foreign Filing Date (MM/DD/YYYY)	Priority NOT Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby appoint Practitioners at Customer Number 32692 as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Customer Number for Practitioner of Record: 32692


I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Ann M. Mueting (Reg. No. 33,977) and Kevin W. Raasch (Reg. No. 35,651)

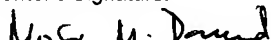
The mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. **32692**.

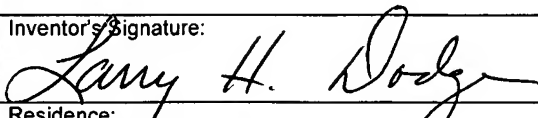
Inquiries regarding this application can be made to:

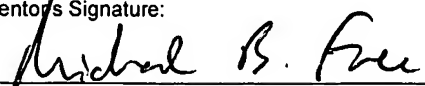
Attention: Nancy M. Lambert
Office of Intellectual Property Counsel
3M Innovative Properties Company
Telephone No.: 651-733-2180


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

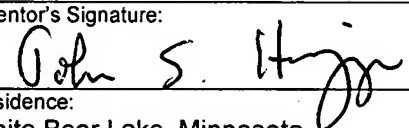
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Chad J.	Family Name or Surname: Carter	
Inventor's Signature: 		Date: 10-15-07
Residence: Lake Elmo, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

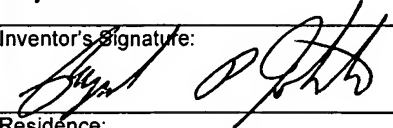
NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Moses M.		Family Name or Surname: David	
Inventor's Signature: 		Date: January 7 th , 2008	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			


NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Larry H.		Family Name or Surname: Dodge	
Inventor's Signature: 		Date: 7/31/2007	
Residence: River Falls, Wisconsin		Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

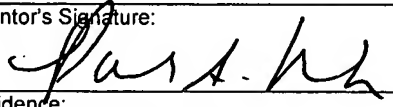
NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Michael B.		Family Name or Surname: Free
Inventor's Signature: 		Date: 9/10/07
Residence: St. Paul, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

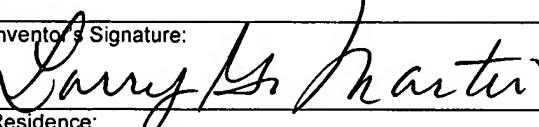
NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Samuel J.		Family Name or Surname: Gason
Inventor's Signature: 		Date: 7/2/2007
Residence: Caulfield North, Victoria	Country: Australia	Citizenship: Australia
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		


NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): John S.		Family Name or Surname: Huizinga
Inventor's Signature: 		Date: 9/10/2007
Residence: White Bear Lake, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

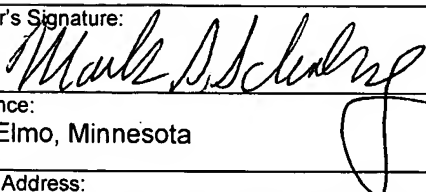
NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Raymond P.		Family Name or Surname: Johnston
Inventor's Signature: 		Date: 9/10/2007
Residence: Lake Elmo, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

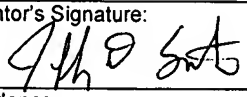
NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Brinda B.		Family Name or Surname: Lakshmi
Inventor's Signature: 		Date: 9/13/07
Residence: Woodbury, Minnesota	Country: USA	Citizenship: India
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

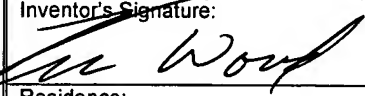
NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Patrick A.		Family Name or Surname: Mach
Inventor's Signature: 		Date: 9-20-07
Residence: Shorewood, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

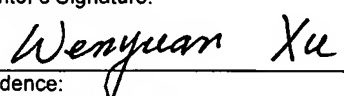
NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Larry G.		Family Name or Surname: Martin
Inventor's Signature: 		Date: 16 July 2007
Residence: Golden Valley, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.
Given Name (first and middle [if any]): Mikhail L.		Family Name or Surname: Pekurovsky
Inventor's Signature: 		Date: 26 Sep'07
Residence: Bloomington, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Mark S.		Family Name or Surname: Schaberg	
Inventor's Signature: 		Date: 9/27/07	
Residence: Lake Elmo, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Jeffrey D.		Family Name or Surname: Smith	
Inventor's Signature: 		Date: 9-20-2007	
Residence: Marine on St. Croix, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Kenneth B.		Family Name or Surname: Wood	
Inventor's Signature: 		Date: 11/5/07	
Residence: Minneapolis, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			

NAME OF JOINT INVENTOR, IF ANY:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Wenyuan		Family Name or Surname: Xu	
Inventor's Signature: 		Date: 8/22/07	
Residence: Oakdale, Minnesota	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			